



HONOLULU AUTHORITY for RAPID TRANSPORTATION

# Construction and Traffic Update

## June 16, 2016

H O N O L U L U   R A I L   T R A N S I T   P R O J E C T

[www.HONOLULUTRANSIT.ORG](http://www.HONOLULUTRANSIT.ORG)



HONOLULU AUTHORITY for RAPID TRANSPORTATION

# Project Map

## 20 Miles – 21 Stations



# Rail Operations Center (ROC)



Physical Construction Completion	99%
Contract Billed to Date	94%
Contract Billing Planned Per Schedule	99%

- May 2015 Substantial Completion date moved to July 2016 to allow for Fire Marshal's inspection and approval of the facility, to obtain temporary certification of occupancy (TCO), as required for Substantial Completion.



# West Oahu Farrington Highway (WOFH)

Construction Completion	95%
Contract Billed to Date	83.3%
Contract Billing Planned Per Schedule	95.4%

**Contract Substantial Completion:** July 2016

**Projected Completion:**

- Guideway structure, track and roadway civil – July 2016
- Traffic signal work & intersections – December 2016
- LCC Station at-grade section – May 2017



# West Oahu Stations

Construction Completion 3%

Contract Billed to Date 0.01%

Contract Billing Planned Per Schedule 0%

- Contractor continues civil work at Ho'opili, including grading work, preparations for formwork for TCCR footings and erection of platform falsework.
- Comments provided to the Contractor on their baseline schedule; resubmission to HART expected by the end of June.
- Site access to UH West Oahu and East Kapolei stations expected June 17, 2016. Previous site access to UH West revised to accommodate continued access for the Guideway contractor to East Kapolei.
- Construction coordination continues with interfacing contractors.



Ho'opili



East Kapolei



UH West Oahu



# Farrington Highway Stations

Construction Completion	5%
Contract Billed to Date	1%
Contract Billing Planned Per Schedule	18%

- *Contractor Baseline Schedule approved; updates ongoing.*
- *Steel reinforcement work ongoing at West Loch for drilled shafts.*
- Value Engineering Cost Proposal (VECP) discussions ongoing for Waipahu Transit Center.
- Method shaft completed and Crosshole Sonic Logging (CSL) test results under review.
- *Access to LCC still problematic.*



# Kamehameha Highway Guideway (KHG)

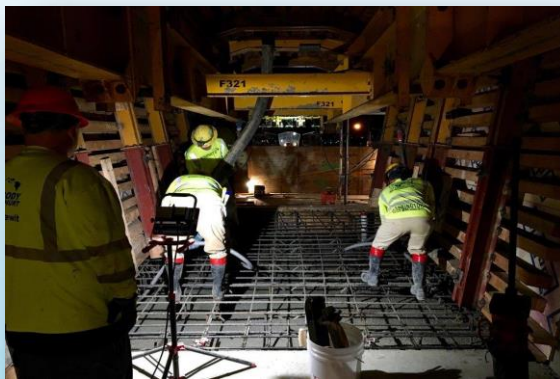


Physical Construction Completion	53.2%
Contract Billed to Date	57.3%
Contract Billing Planned Per Schedule	97.7%

**Contract Substantial Completion:** September 2016

**Projected Completion**

- Guideway Structure and Track – April 2017
- Roadway Civil – September 2017





# H2R2 Ramp



<b>Construction Completion</b>	<b>39%</b>
<b>Contract Billed to Date</b>	<b>24%</b>
<b>Contract Billing Planned Per Schedule</b>	<b>99%</b>

- 30 "CMP jacketing review by HART (includes utility and pipe condition) completed. Tentative construction start June 13, 2016.
- Mass excavation, embankment operations and soils export work tentative completion July 1, 2016.
- Settlement gauges in place and being monitored.



# Kamehameha Highway Stations Group (KHSKG)

Construction Completion	0%
Contract Billed to Date	0%
Contract Billing Planned Per Schedule	0%

- *Administrative NTP issued April 1, 2016. Coordination with interfacing contractors underway.*
- *Construction NTP expected June-July 2016*
- *Anticipated construction start October 2016*



# Moving Forward: The Next 10 Miles

## Airport Advanced Utilities

Physical Construction Complete 58%

Contract Billed to Date 50%

- *Projected Substantial Completion - September 2016*





# Moving Forward: The Next 10 Miles

## Airport Guideway and Stations

### D/B Contract

- Technical Proposals and Bids – received and under evaluation
- Anticipated Award – July 2016
- Anticipated NTP – September 2016

## City Center Guideway and Stations

### D/B Contract

- Technical Proposals and Bids – due March 2017
- Anticipated Award – May 2017
- Anticipated NTP – July 2017



# Traffic Update





# Farrington Highway Guideway



Various daytime and nighttime closures between Leoku Street and Paiwa Street for road restorations

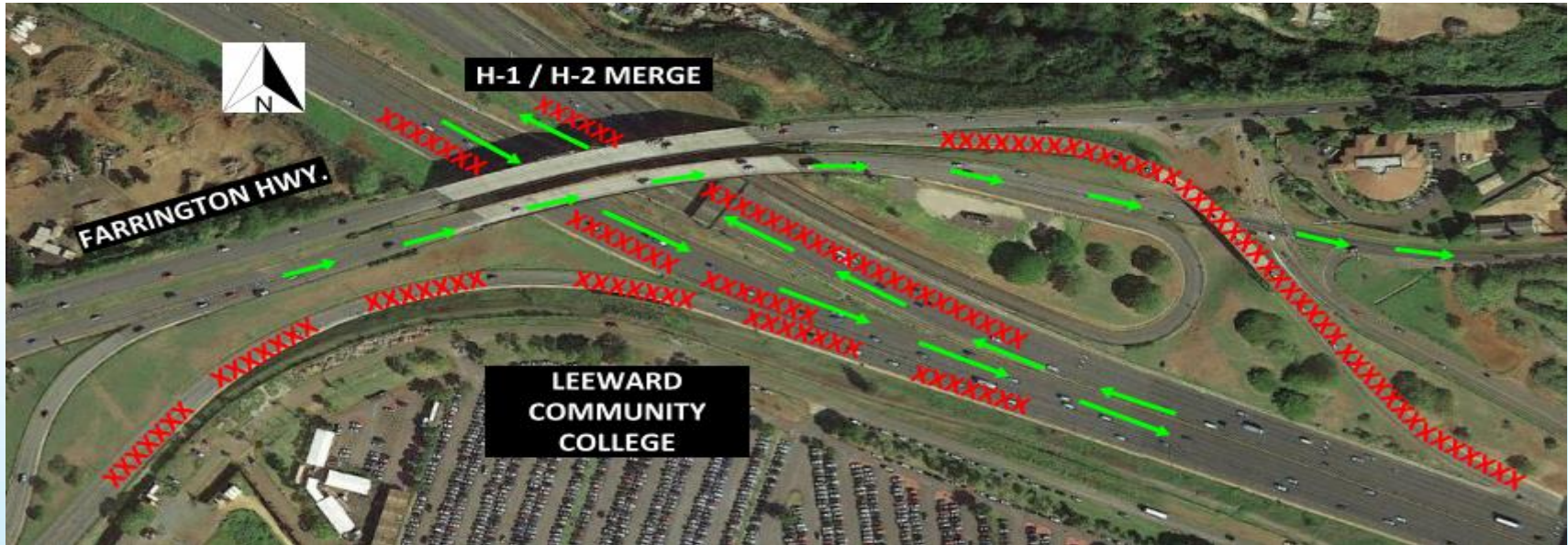
# Farrington Highway Guideway



Nightly westbound lanes closed between Mokuola and Waipahu Depot Streets for utility work



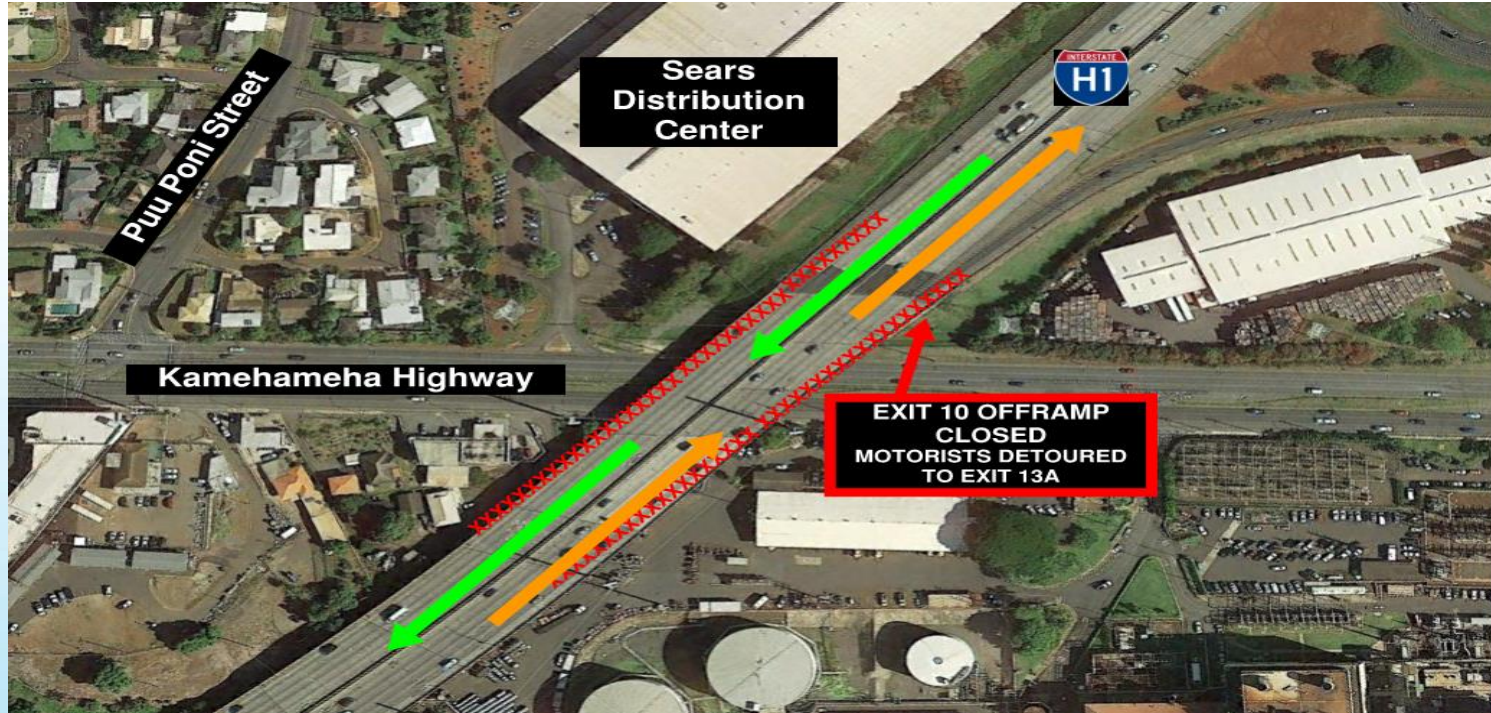
# Farrington Highway Guideway



- Standard nightly closures at the H-1/H-2 merge

# Kamehameha Highway in Pearl City

- Standard nightly closures on eastbound and westbound H1 in Pearl City for segment installation





# Kamehameha Highway in Pearl City

- Westbound crossover for balanced cantilever operations



# Kamehameha Highway in Pearl City

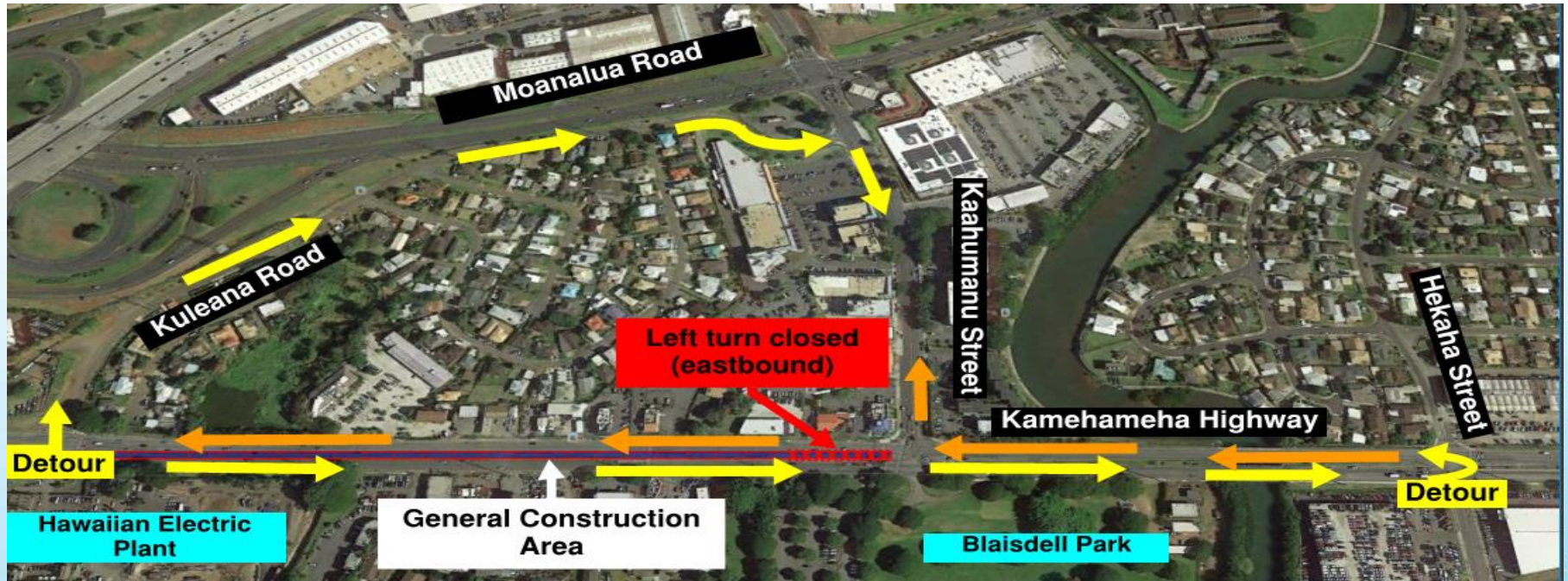
- Intersection closure at Kuleana Road for segment installation





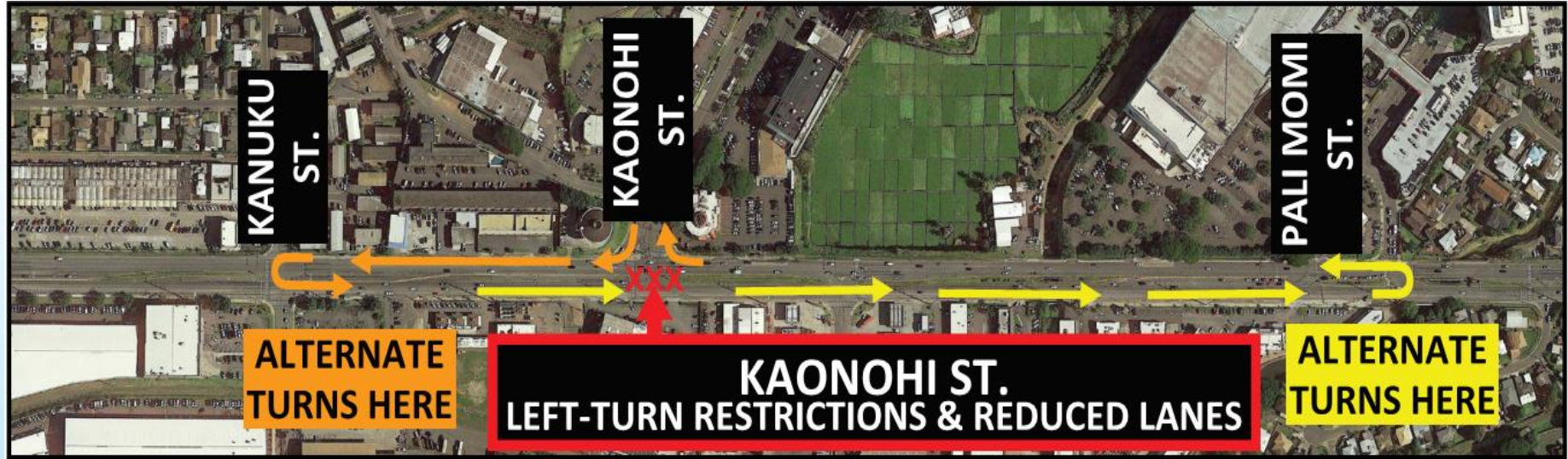
# Kamehameha Highway in Aiea

- Eastbound left-turn closure at Kaahumanu Street for column work



# Kamehameha Highway in Aiea

- Intersection closure at Kaonohi Street for segment installation





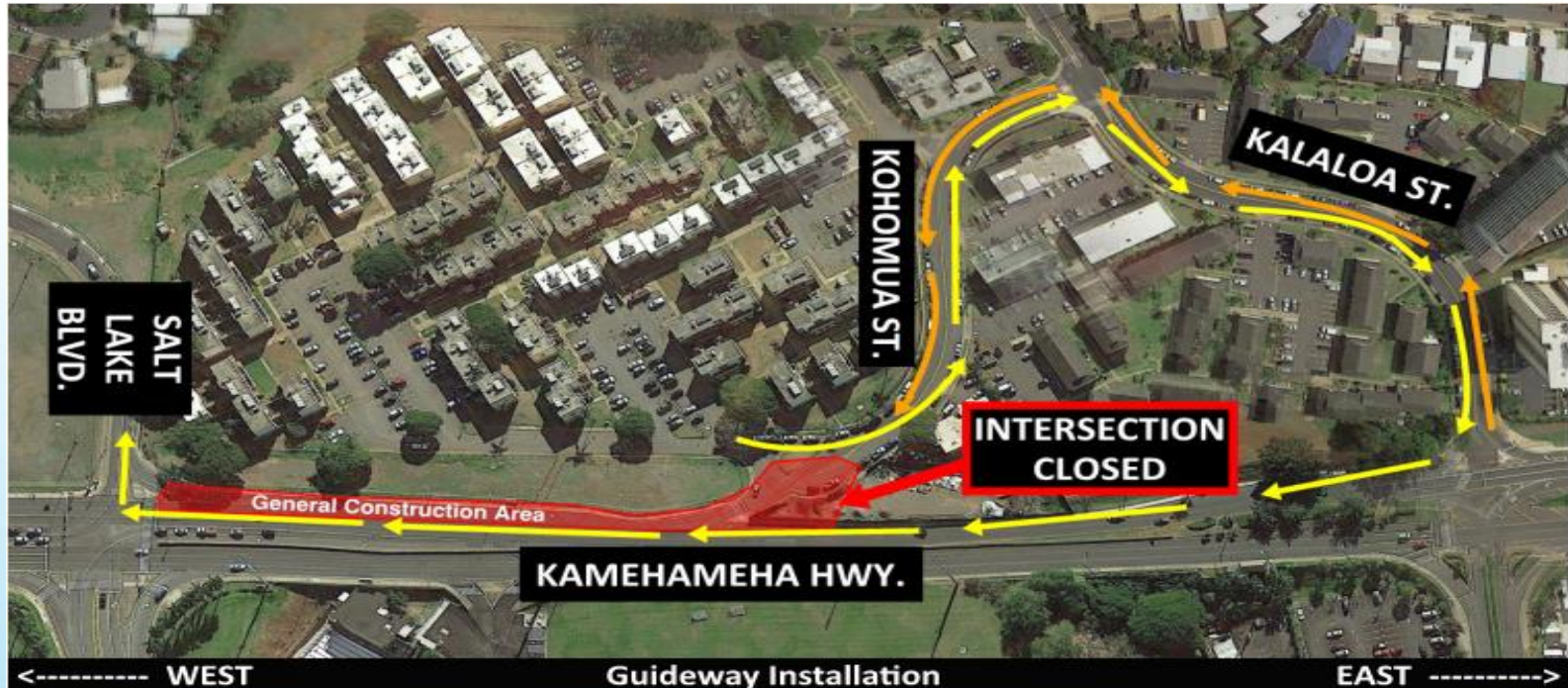
# Kamehameha Highway in Pearl City

- Intersection closure at Lipoa Place for segment installation



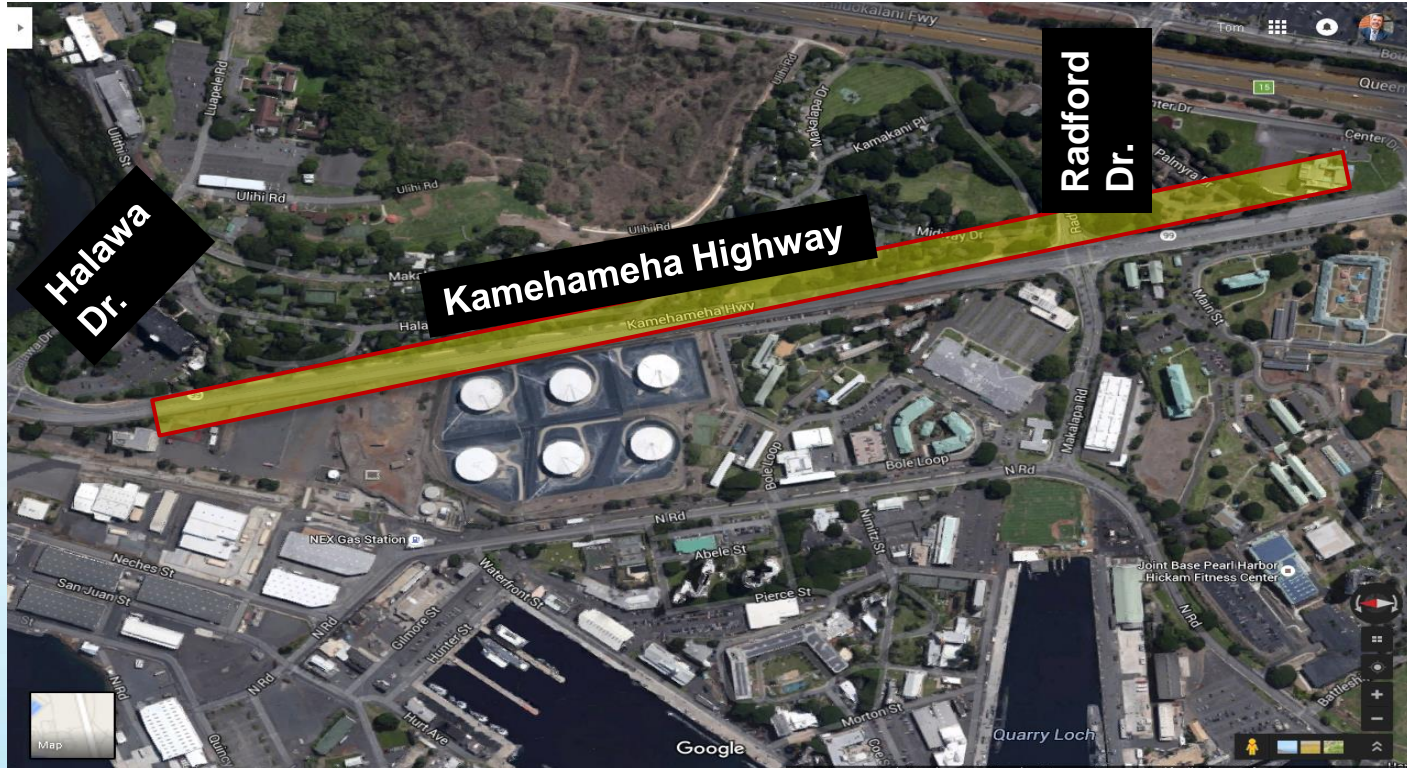
# Kamehameha Highway and Salt Lake

- Intersection closure at Kohomua Street for segment installation





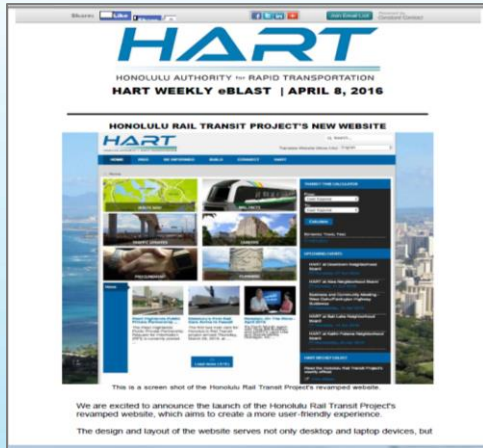
# Kamehameha Highway



- Various daytime lane closures for utility relocation work

# Stay Connected

- Monthly HART Facts Ad
- Public Access Television Program
- Weekly e-Blast
- Weekly Traffic Advisories
- Website and Social Media



PROJECT REVENUE STATUS As of February 1, 2016			
	Projections to Date <sup>1</sup>	Collected or Committed to Date	Percentage (of projections)
<b>REVENUE SOURCE:</b>	(in millions)	(in millions)	
Project Beginning Cash Balance (Dec. 2009)	\$ 288	\$ 288	100%
General Excise Tax (GET) Surcharge <sup>2</sup>	1,291	1,291	38%
Federal New Starts Funds	1,550	1,550	68%
Other Federal Transportation Funds	214	4	2%
Interest Income	2	9	—
<b>TOTAL</b>	<b>\$5,355</b>	<b>\$2,626</b>	<b>49%</b>
<sup>1</sup> Projections to date from the June 2012 Financial Plan. <sup>2</sup> Total GET Surcharge revenue collected since January 1, 2007, is \$1.59 billion (includes \$378 million collected before December 2009).			
PROJECT COST STATUS As of February 1, 2016			
	Current Budget <sup>1</sup>	Amount Committed <sup>2</sup>	Amount Expended <sup>3</sup>
	(in millions)	(in millions)	(in millions)
Guideway & Track Elements	\$1,139	\$ 302	\$ 292
Stations, Stops, Terminals, Intermodal	419	115	92
Support Facilities, Yards, Shops, Admin	115	730	560
Stimulus & Special Conditions	1,007	234	40
Systems	249	191	35
Vehicles	191	191	35
<b>SUB-TOTAL*</b>	<b>\$3,140</b>	<b>\$2,122</b>	<b>\$1,033</b>
Right-of-Way (ROW), Land, Existing Improvements	\$ 188	\$ 188	\$ 188
Professional Services (e.g., Planning and Design)	1,123	1,049	787
Contingency	487	0	0
Finance Charges	215	0	0
<b>SUB-TOTAL*</b>	<b>\$2,024</b>	<b>\$1,160</b>	<b>\$ 888</b>
<b>TOTAL*</b>	<b>\$5,164</b>	<b>\$3,282</b>	<b>\$1,921</b>
<sup>1</sup> Current Budget reflects the June 2012 Baseline Budget with executed Budget Transfers. <sup>2</sup> Approved contract value. <sup>3</sup> Portion of the work that has been paid. <sup>4</sup> All costs are recorded to the millions therefore subtotals may not add up to the amounts shown.			

**DID YOU KNOW? HART has ordered a fleet of 80 rail cars.**

## HART Rapid Response:

- 24-Hour Project Hotline number 808-566-2299
- Email Inquiries: [info@HonoluluTransit.org](mailto:info@HonoluluTransit.org)
- Website Inquiries



# *Mahalo!*

